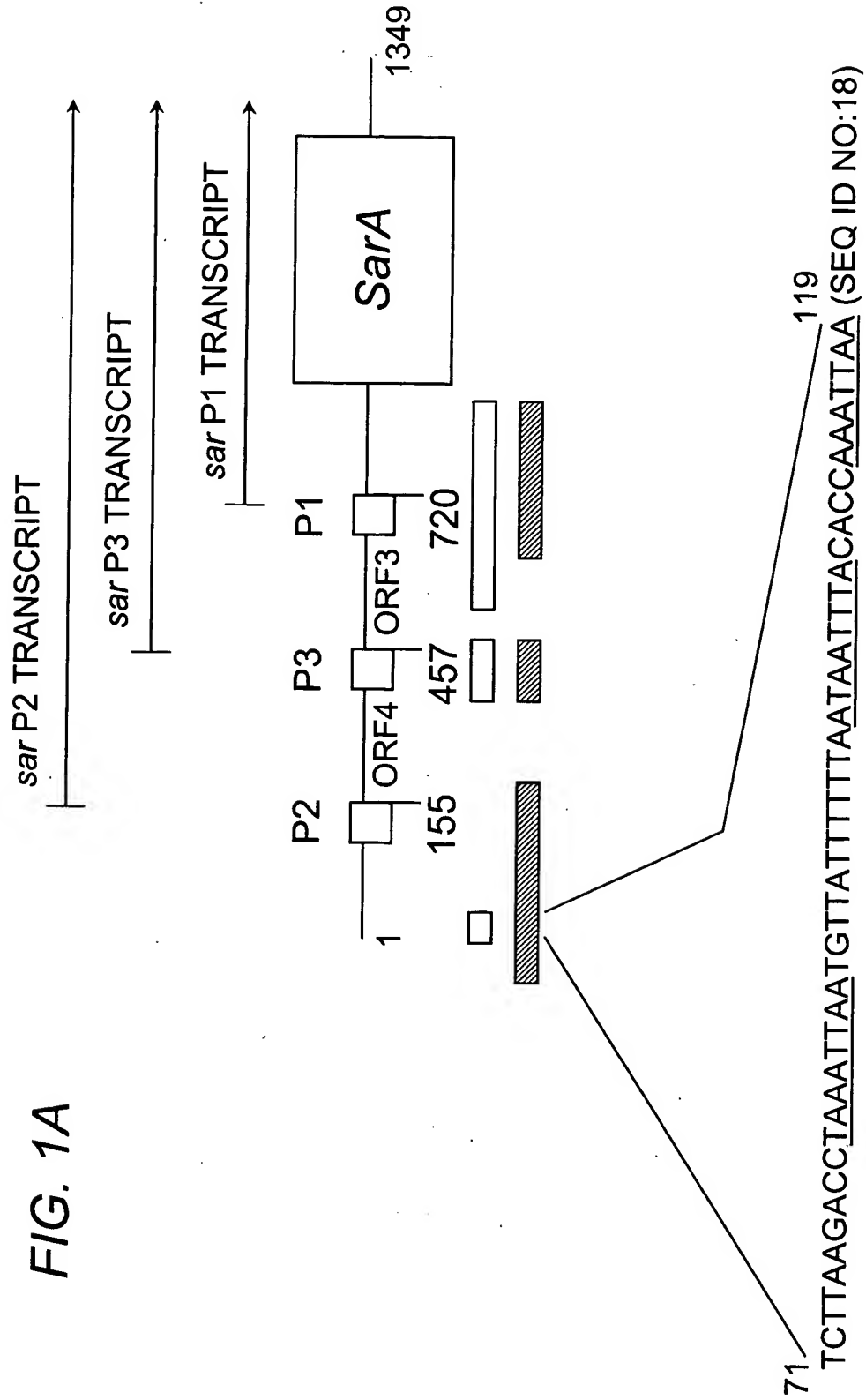


FIG. 1A



REPLACEMENT SHEET

FIG. 1B

```

1  GTTTTCAAAA TCGGTGGAGG TGCATGAAAA AGTTATTGGG
41 CTTTTTTTGA AAATAAAAAA ATATCAATAA GTTGGAGTCA
    ↓START
81 TTACCGAATT TTTATACTTA TTTGTTTAGA ATGAACTTTA
    -35                               -10
121 TAACATAGTT GGATAGAGTT TTCGATTAA TACATTAAAT
161 GTGAACCTTG CTACAACAAG ATGTGCATCA GAAGGAGTGG
                                     RIBOSOME BINDING SITE
201 TTTAATAATG --sarR--TAA (SEQ ID NO:19)
  
```

FIG. 1C

```

                10          20          30          40
SarR M--SKINDINDLVNATFQVKKFFRDTKKKFNLNYEEIYILN
      :  :::::  :...  :  :  :  :  :  :  :  :  :  :
SarA MAITKINDCFELLSMVTYADKLKSLIKKEFSISFEEFAVLT

                50          60          70          80
SarR HILRSESNEISSKEIAKCSEFKPYYLTKALQKLKDLKLLS
      :  :...  :  :  :  :  :  :  :  :  :  :
SarA YISENKEKEYYLKDIINHLNYPQVVKAVKILSQEDYFD

                90          100          110
SarR QKRILQDERTVIVYVT-----DTLKANIHKLISELEEY
      :  :  :  :  :  :  :  :  :  :  :  :  :
SarA KKRNEHDERTVLILVNAQQRKKIESLLSRVVKRITAEANNE

SarR IKN (SEQ ID NO:2)
      :
SarA IEL (SEQ ID NO:3)
  
```

FIG. 2

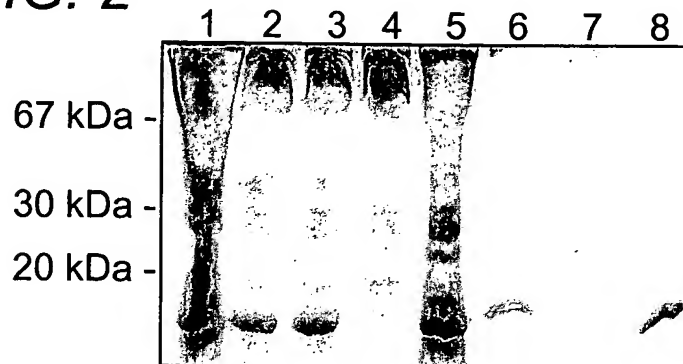


FIG. 3A

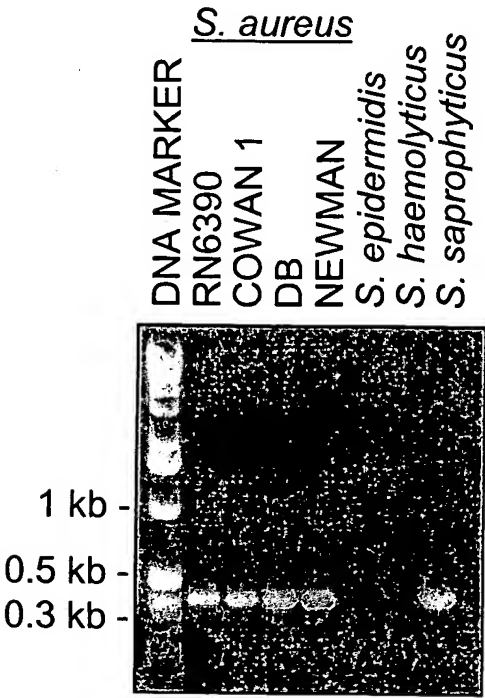


FIG. 3B

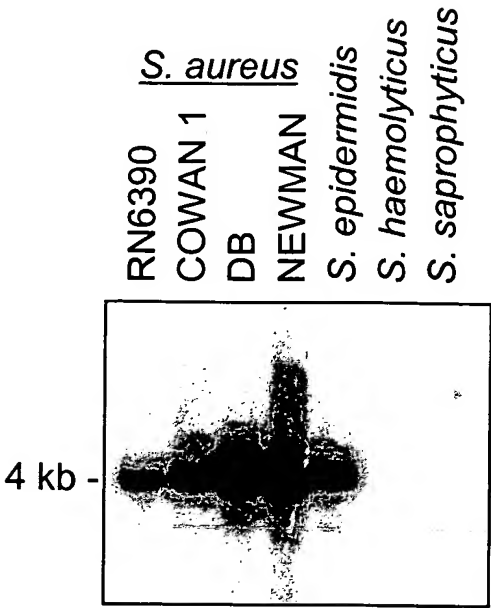


FIG. 3C

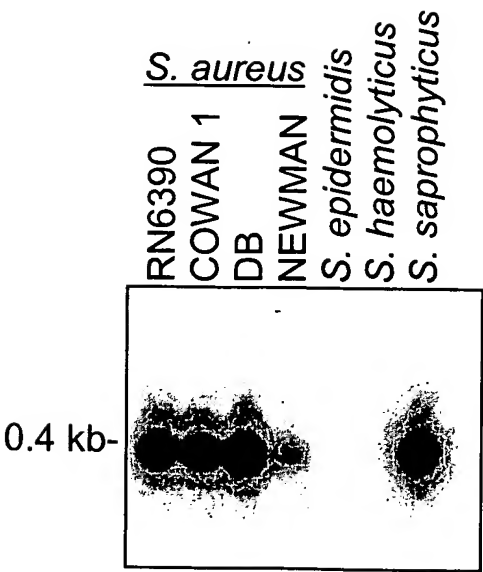
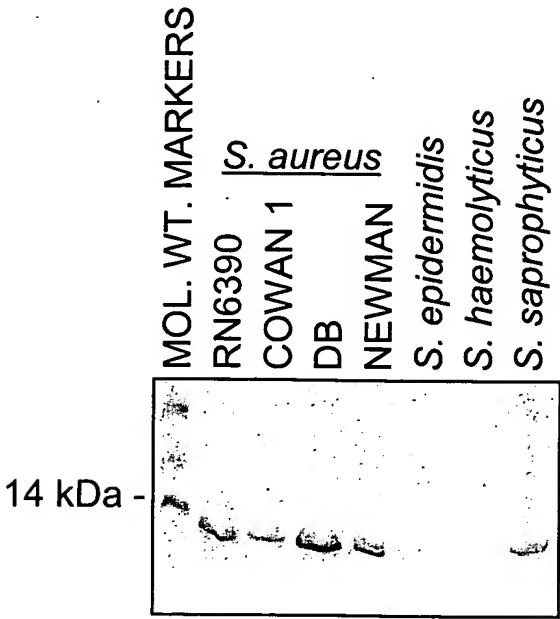


FIG. 3D



REPLACEMENT SHEET

FIG. 4A

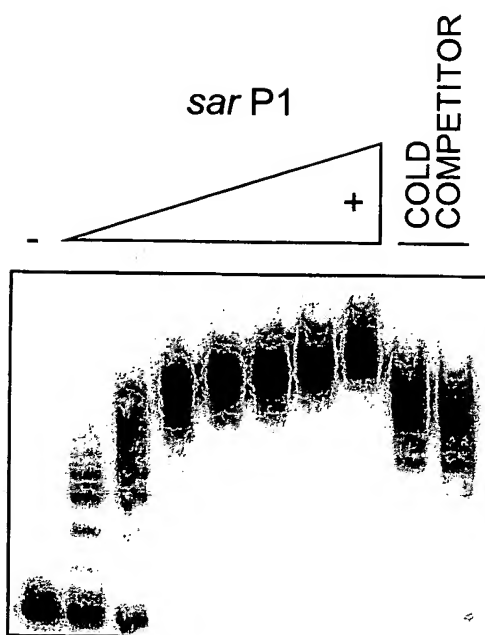


FIG. 4B

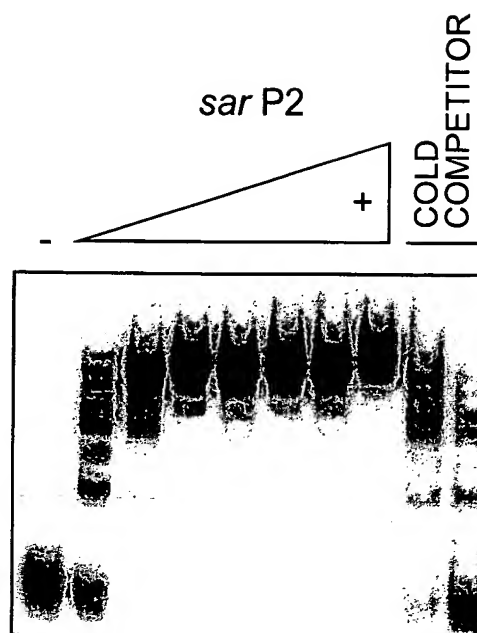


FIG. 4C

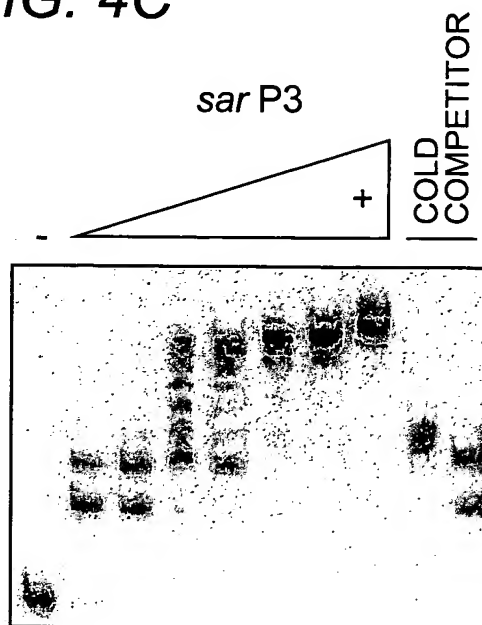


FIG. 5A

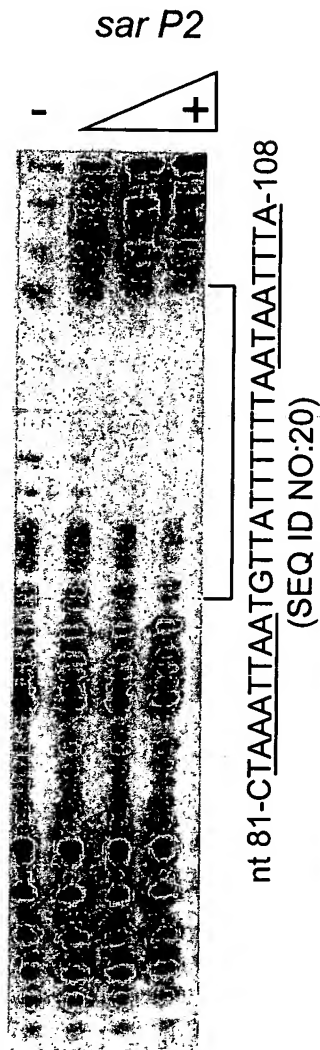


FIG. 5B

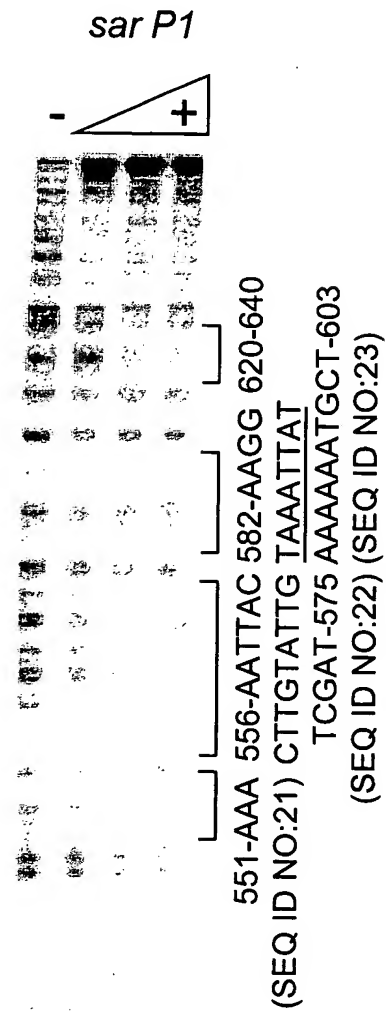
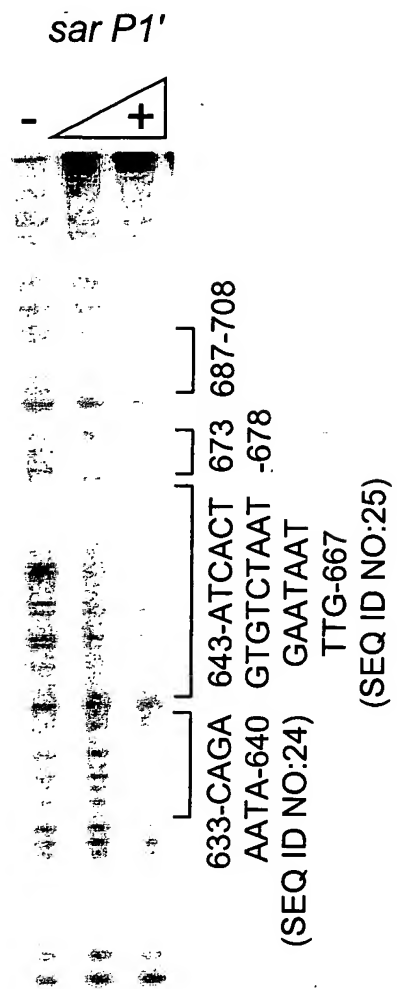


FIG. 5C



REPLACEMENT SHEET

FIG. 6A

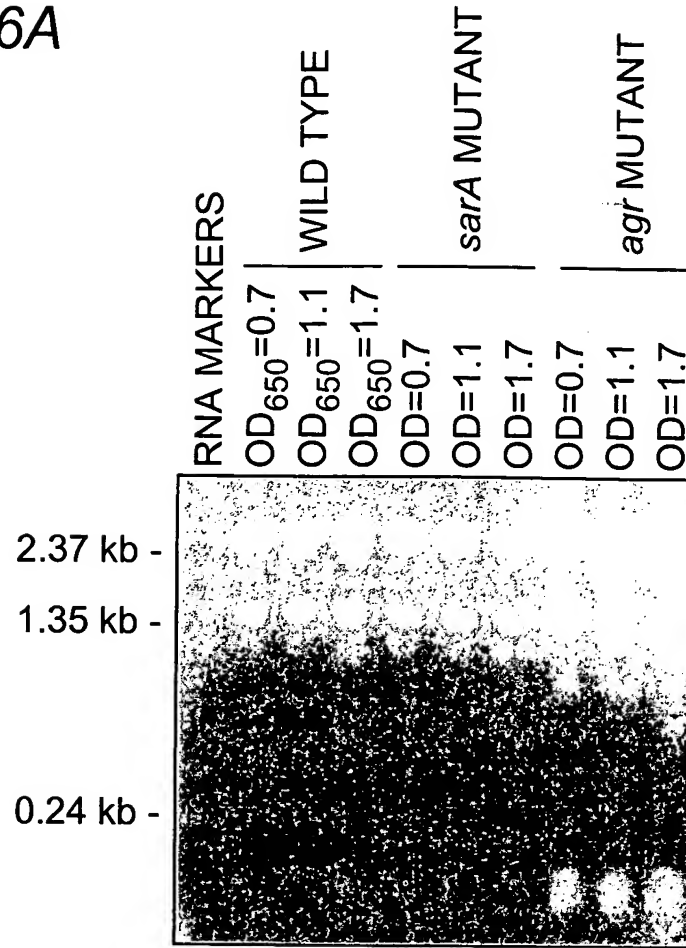


FIG. 6B

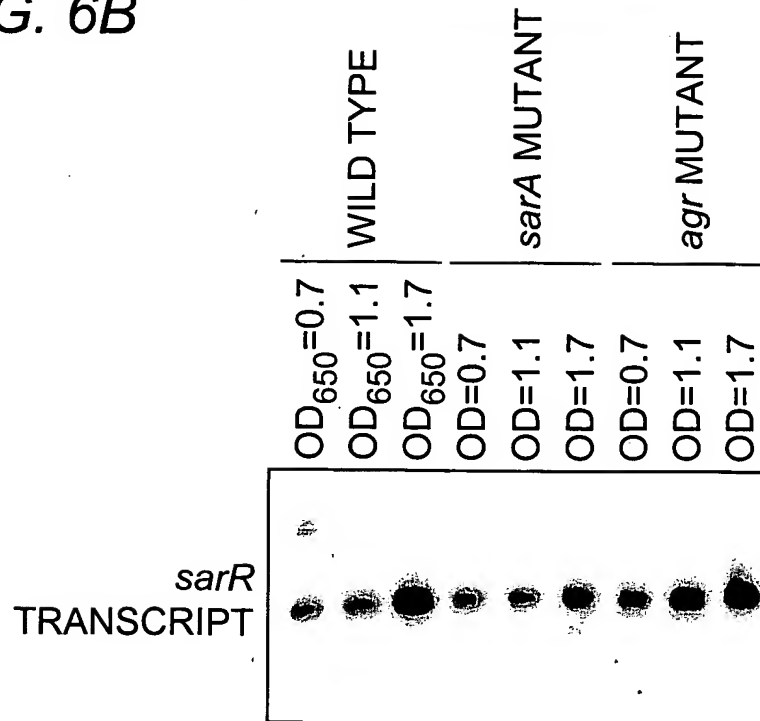


FIG. 6C

REPLACEMENT SHEET

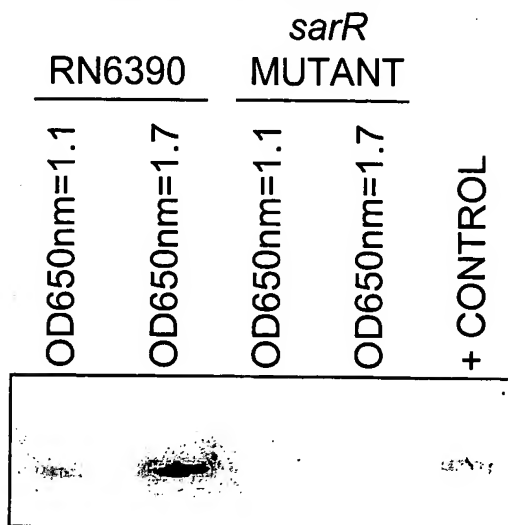


FIG. 7A

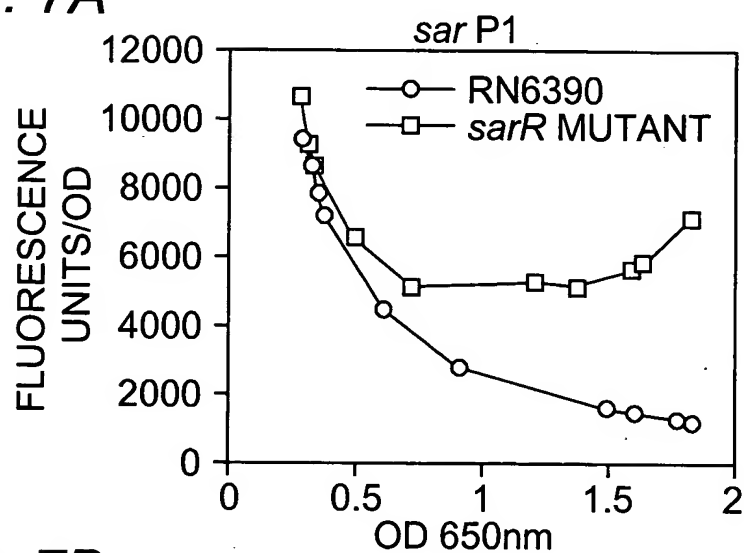


FIG. 7B

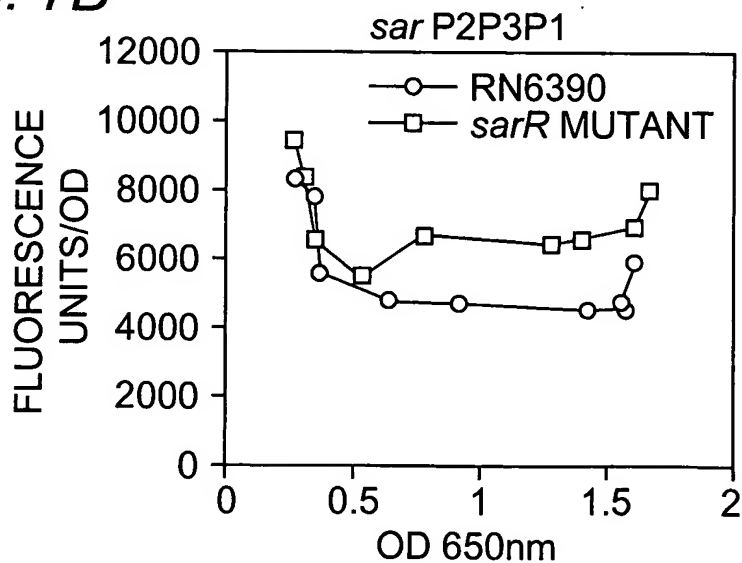


FIG. 8A

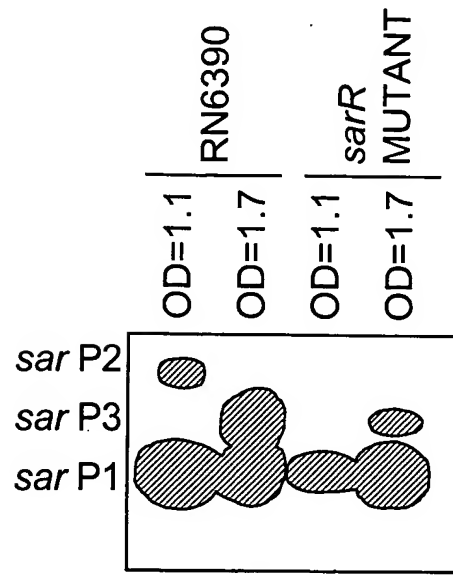


FIG. 8B

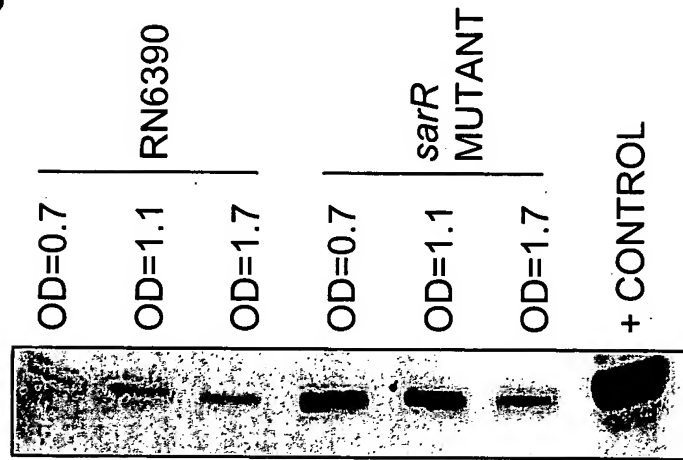
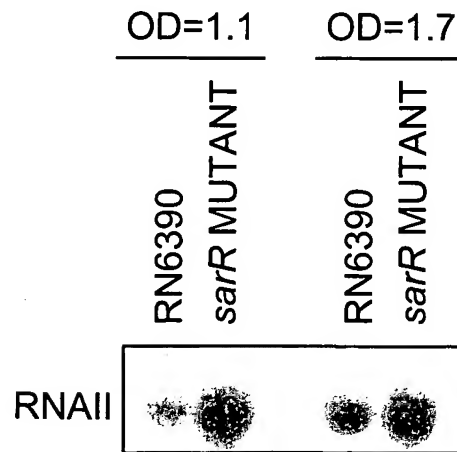


FIG. 8C



REPLACEMENT SHEET

FIG. 9A

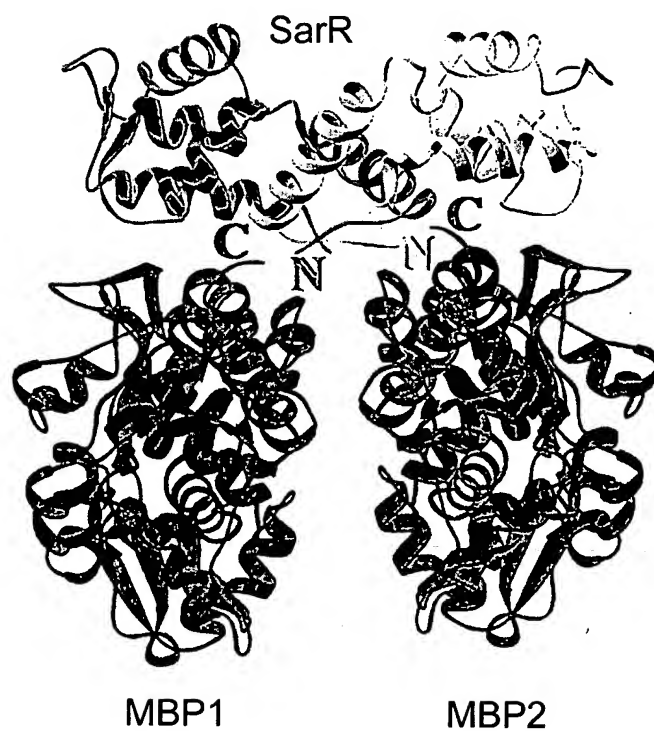
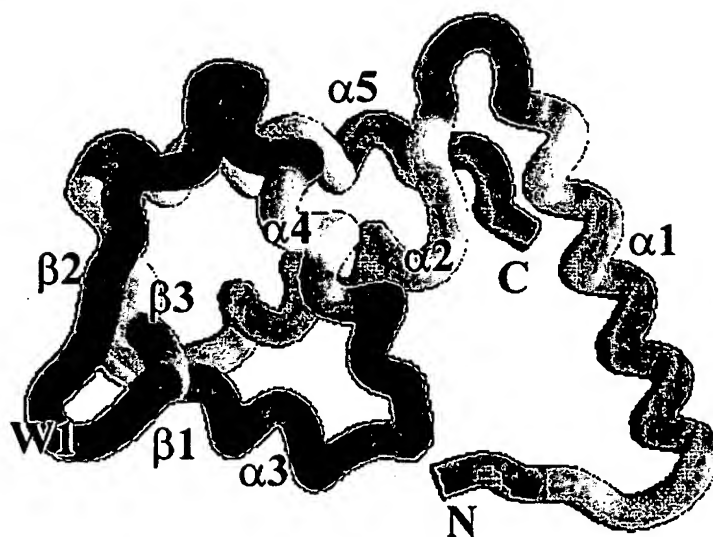


FIG. 9B



REPLACEMENT SHEET

FIG. 10A

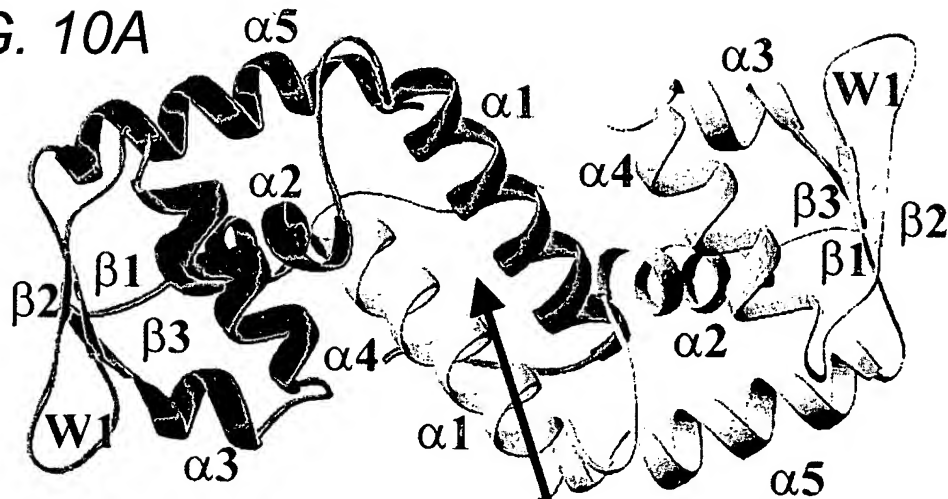


FIG. 10B

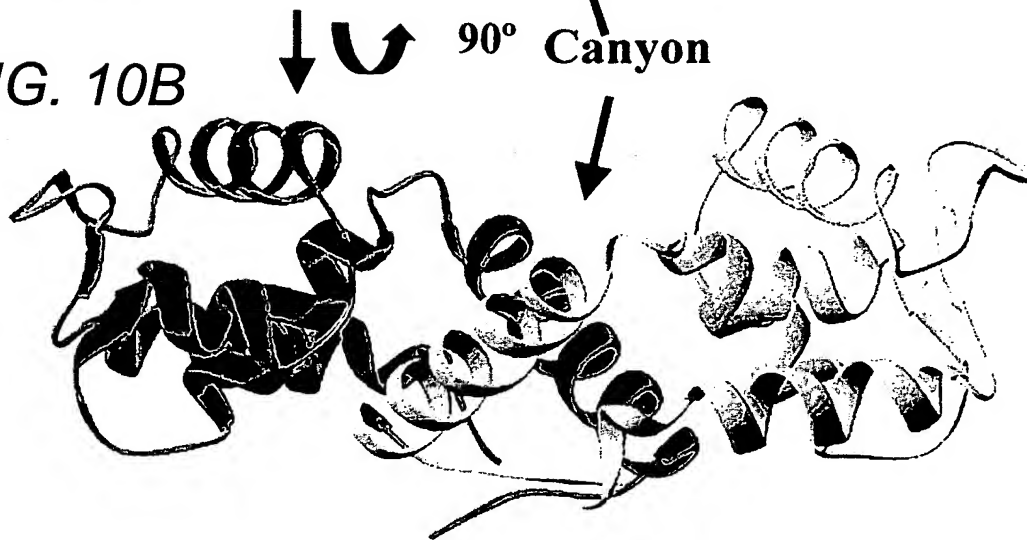
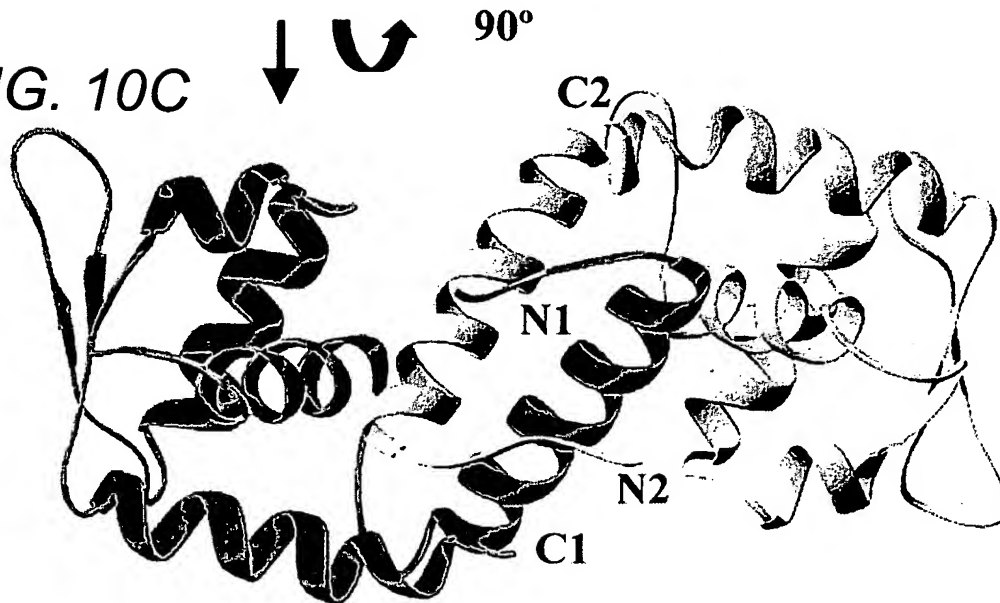
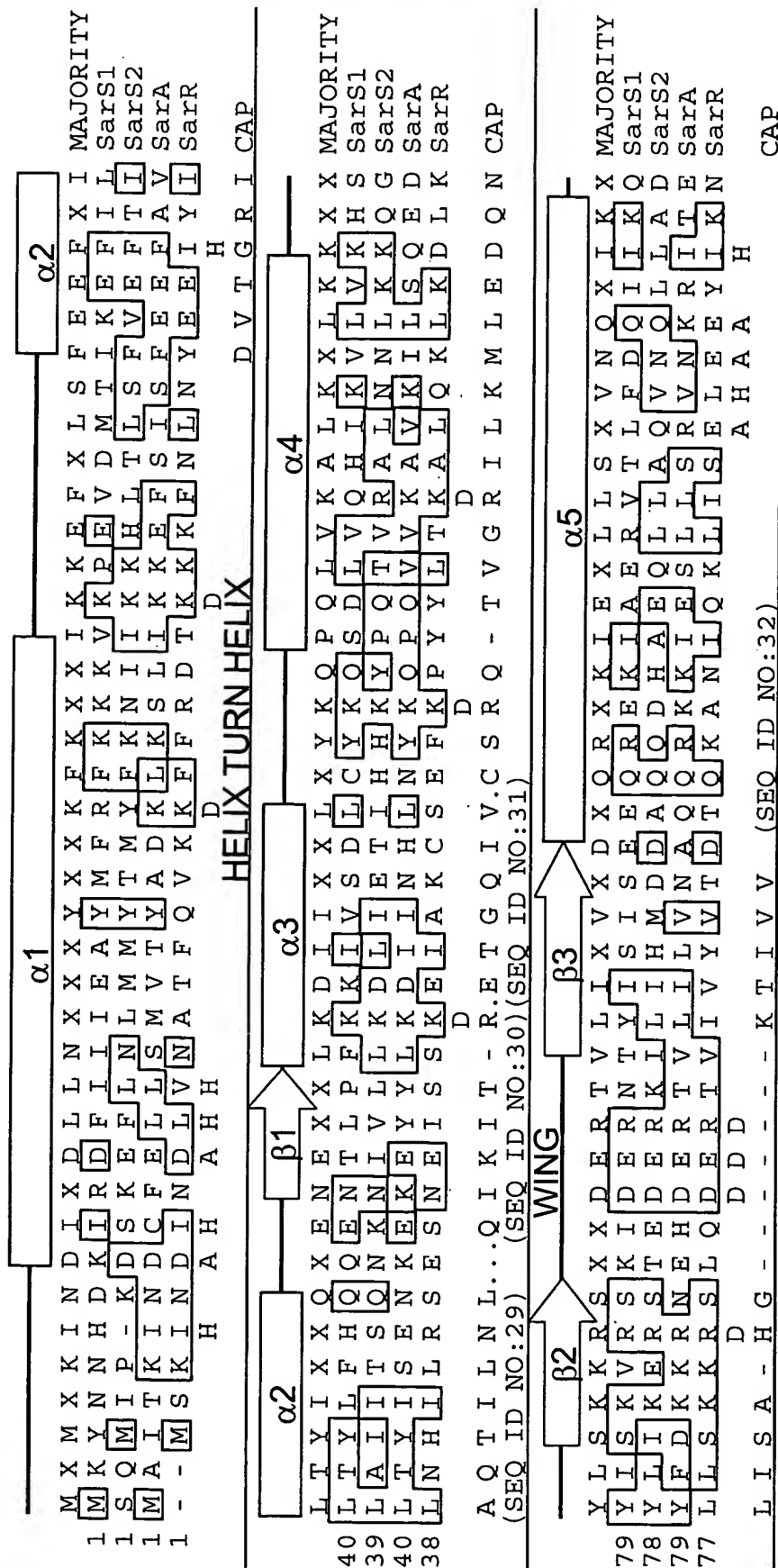


FIG. 10C



REPLACEMENT SHEET

FIG. 11



	X	N	X	(SEQ	ID	NO:26)	MAJORITY
1119	F	<u>N</u>	-	(SEQ	ID	NO:27)	SarS1
1118	-	K	D	(SEQ	ID	NO:28)	SarS2
1119	A	<u>N</u>	N	(SEQ	ID	NO:35)	SarA
1117	-	-	-	(SEQ	ID	NO:2)	SarR

FIG. 12A

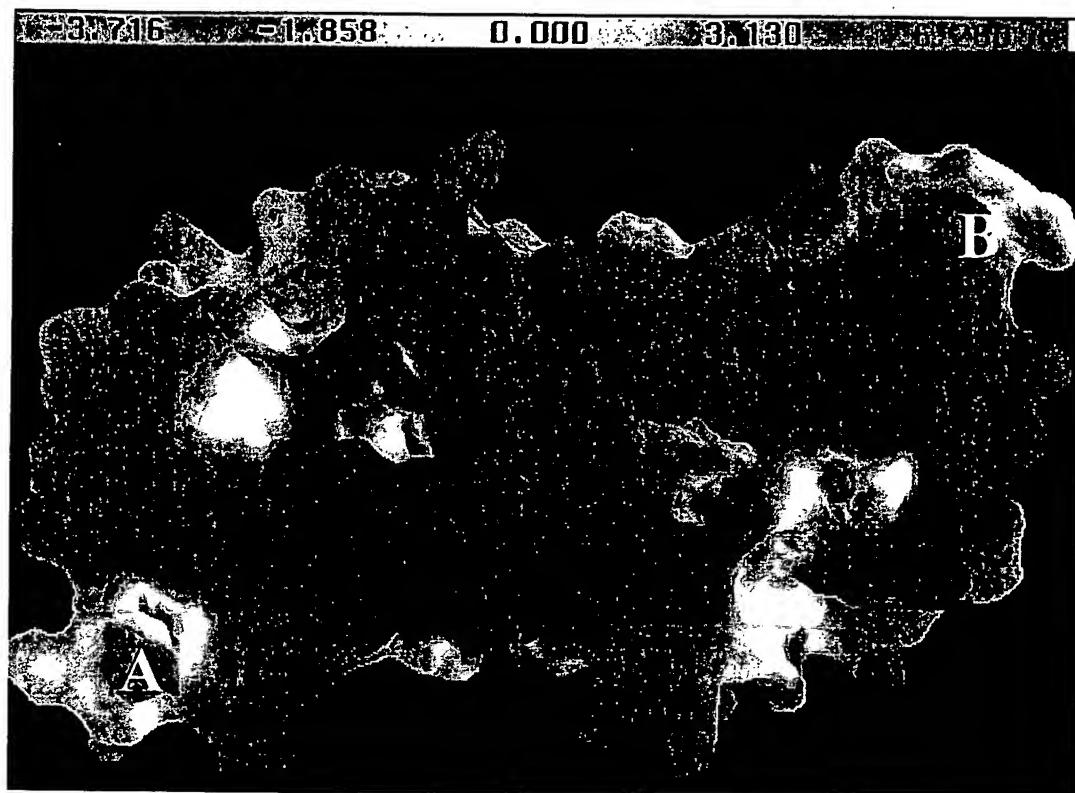


FIG. 12B

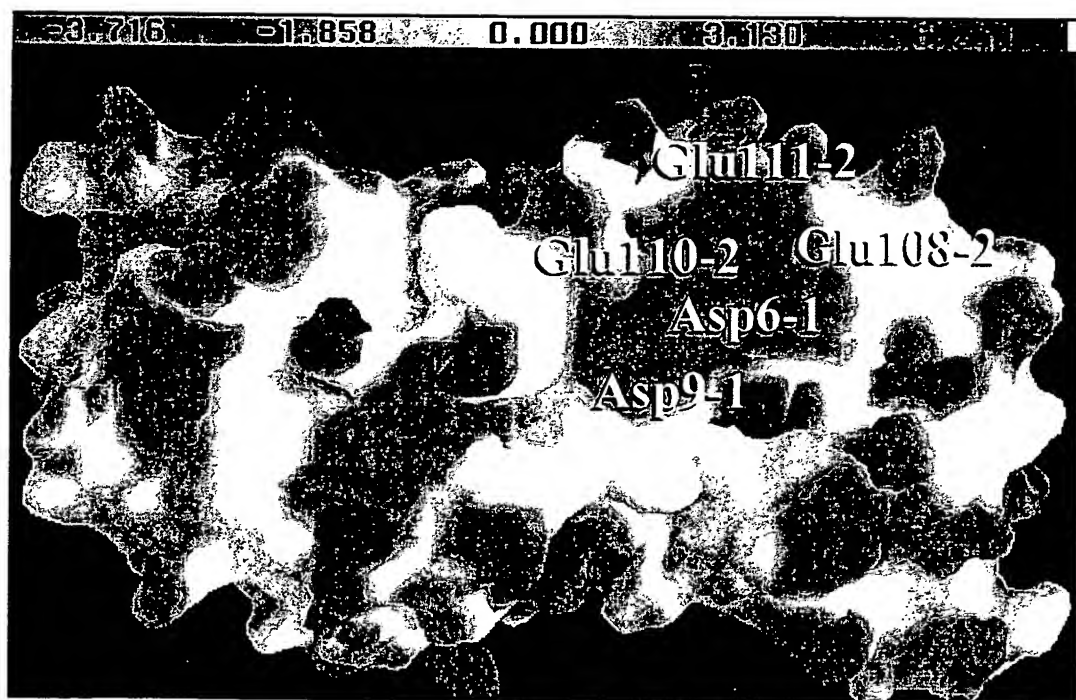


FIG. 13A

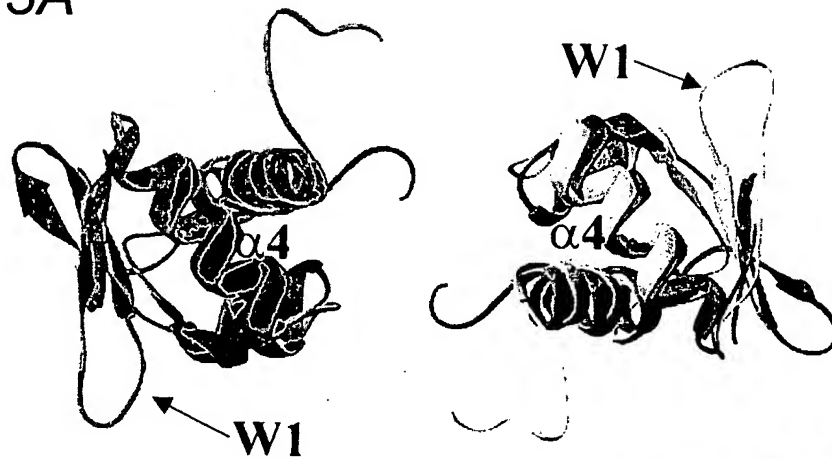


FIG. 13B



FIG. 13C

